Flask Development Web App Document

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Batch code: LISUM41

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Model Setup:

Loading The Data:

```python
# Load the dataset
iris = load_iris()
X = iris.data
y = iris.targe

# Split the data
X_train, X_test, y_train, y_test = train_test_split(X, y, test_size=0.2,
random_state=42)

# Train the model
model = RandomForestClassifier()
model.fit(X_train, y_train)

# Make prediction
            data = np.array([[sepal_length, sepal_width, petal_length,
petal_width]])
            prediction = model.predict(data)
            flower = ['Setosa', 'Versicolor', 'Virginica'][prediction[0]]
```

HTML Development

Predict Iris Flower Class 🌸

Sepal Length:

Sepal Width:

Petal Length:

Petal Width:

Predict

Predict Iris Flower Class 🌸

Sepal Length:

5.1

Sepal Width:

3.5

Petal Length:

1.4

Petal Width:

0.2

Predict

Predict Iris Flower Class 🌸

Sepal Length:

Sepal Width:

Petal Length:

Petal Width:

Predict

Predicted Iris Class: Setosa